## BEST AVAILABLE COPY

| POSITION                  | INITIALS | ID NO. | DATE     |   |
|---------------------------|----------|--------|----------|---|
| FEE DETERMINATION         | 96       |        | 5-19-01  | - |
| O.I.P.E. CLASSIFIER       | PSO      |        | 6/1/0/   | 1 |
| FORMALITY REVIEW          | tha      | 746    | 07/06/9  |   |
| RESPONSE FORMALITY REVIEW | - M13    | gru    | 10/01/01 |   |
|                           |          |        |          |   |

## INDEX OF CLAIMS

| Rejected                   | N Non-elected  |
|----------------------------|----------------|
| = Allowed                  | I Interference |
| (Through numeral) Canceled | A Appeal       |
| ÷ Restricted               | O Objected     |

|            |     |           |                  |              |          |          | ·            |              |            |          |          |           |          |          |          | iote     |           |           |              |                    |           |                |            |          | _         | _        |            |            |             |              |              |              |              |          |                    |              |          | _        |   |
|------------|-----|-----------|------------------|--------------|----------|----------|--------------|--------------|------------|----------|----------|-----------|----------|----------|----------|----------|-----------|-----------|--------------|--------------------|-----------|----------------|------------|----------|-----------|----------|------------|------------|-------------|--------------|--------------|--------------|--------------|----------|--------------------|--------------|----------|----------|---|
| CI         | aiπ | ī         |                  |              |          |          | Date         | _            | -          |          |          |           |          | Cla      | im       |          |           |           | C            | ate                |           |                |            | _        | _         |          | Clai       | _          |             | _            |              | - [          | Date         | _        | <del></del>        | _            | _        | 4        |   |
| Final      | وَ  | igili igi | 20/3//11         | 5/19/04      |          |          |              |              |            |          |          |           |          | Final    | Original | į        |           |           |              |                    |           |                |            |          |           |          |            | Original   |             |              |              |              |              |          |                    |              |          |          |   |
| F          | C   | ij        | N                | 1            |          | 1        | 1            |              |            |          |          |           |          |          | 51       |          | $\Box$    | $\perp$   | $\perp$      | $\perp$            | $\perp$   | 4              | 4          | 4        | 4         | - 1      | _          | 101        | 4           | $\downarrow$ | $\downarrow$ | +            | $\downarrow$ | +        | 4                  | +            | +        | 4        |   |
|            | Γ   |           | 4                | V            |          |          |              |              |            | $\Box$   |          |           |          | _        | 52       | _        | $\dashv$  | _         | 4            | 4                  | 4         | $\downarrow$   | $\dashv$   | 4        | 4         | ŀ        | _          | 102        | +           | +            | +            | $\dashv$     | +            | +        | +                  | +            | +        | $\dashv$ |   |
|            | L   | 3         | ⊻                | <u> </u>     |          | $\perp$  | _            |              |            |          | _        | _         |          | <u>_</u> | 53       | _        | 4         | $\perp$   | +            | 4                  | 4         | -1             | $\dashv$   | +        | 4         | ŀ        |            | 103<br>104 | -+          | $\dashv$     | +            | $\dashv$     | +            | +        | +                  | +            | +        | ┥        |   |
| L          | _   | -+        | 4                | 4            | $\dashv$ | 4        | _            | -            | $\dashv$   |          | $\dashv$ | $\dashv$  |          | ┝        | 54<br>55 | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$     | $\dashv$           | +         | +              | $\dashv$   | +        | ᅥ         | ŀ        | _          | 105        | $\dashv$    | +            | +            | $\dashv$     | +            | $\dashv$ | +                  | +            | 十        | ᅥ        |   |
| L          | -   | _         | 0                | 0            | 4        |          |              | -            | $\dashv$   |          | -        | ᅴ         |          | $\vdash$ | 56       |          | +         | $\dashv$  | -+           | ╁                  | $\dashv$  | +              | $\dashv$   | +        | ᅥ         | ŀ        |            | 106        | -+          | +            | +            | +            | $\dashv$     | 十        | 十                  | +            | 十        | ┪        |   |
| $\vdash$   | _   |           | 의                | 0            | 4        | $\dashv$ | -            | $\dashv$     | ┥          | $\dashv$ | -        | $\dashv$  |          | $\vdash$ | 57       | $\vdash$ | +         | $\dashv$  | +            | $\dashv$           | +         | 十              | $\dashv$   | +        | ┥         | Ì        | _          | 107        | _           | ┪            | 7            | 1            | 十            | 十        | 十                  | ヿ            | †        | ヿ        |   |
| $\vdash$   | _   | 7<br>8    | 쉬                | 4            | -        | -1       | -            | -            | ⊣          | $\dashv$ | $\vdash$ | $\dashv$  |          | $\vdash$ | 58       | Н        | $\dashv$  | 7         | +            | +                  | 7         | _              | 7          | 7        | ╗         | Ì        |            | 108        |             | 1            | $\neg$       | 7            | $\exists$    | T        | $\neg$             | 1            | I        |          |   |
| <u> </u> - | -   | _         | 위                | _0           |          | -+       | $\dashv$     | -            | ┥          | $\dashv$ |          | $\dashv$  |          | $\vdash$ | 59       |          | 一         | T         | $\dashv$     | _                  | 寸         | $\neg$         | $\neg$     | ╛        | コ         | ı        |            | 109        | T           |              |              |              | $\Box$       | $\Box$   | $\Box$             | $\Box$       | $\Box$   |          |   |
| -          | -   |           | 0                | 0            | $\dashv$ | -        |              | -            | $\dashv$   | Н        | -        | $\dashv$  |          |          | 60       | П        | _         | $\dashv$  | 寸            | ┪                  | 寸         | $\neg$         | $\neg$     |          |           | - 1      |            | 110        |             |              | T            |              |              | $\Box$   |                    | $\perp$      | $\Box$   |          | l |
| $\vdash$   |     | 11        | 귕                | d            | -        | $\dashv$ | -            | ┪            | ᅱ          |          | Н        |           |          | $\vdash$ | 61       | Н        | 一         | $\neg$    | _            | $\dashv$           |           |                |            |          |           |          |            | 111        |             |              |              |              | $\Box$       | $\Box$   | _                  | $\dashv$     | 4        | _        | ĺ |
| H          |     | 12        | J                |              |          | _        |              |              | 1          |          | П        |           |          | $\vdash$ | 62       |          | $\neg$    | $\neg$    |              |                    |           |                |            |          |           | ļ        |            | 112        |             |              | _            | _            | _            |          | _                  | _            | 4        |          | ĺ |
| H          | _   | 13        | ゴ                | 7            | _        |          |              |              |            |          | П        |           |          | Г        | 63       |          |           |           |              |                    |           |                |            |          |           |          |            | 113        | _           | _            | _            | _            |              | _        | _                  | $\dashv$     | $\dashv$ |          | ı |
| F          | 1   | 14        | 7                | d            | ,        |          |              |              |            |          |          |           |          |          | 64       |          |           |           |              |                    |           |                |            | $\dashv$ | _         |          | _          | 114        | $\Box$      |              | _            | _            | $\dashv$     | $\dashv$ | 4                  | $\dashv$     | -        |          | ł |
| ۲          | 1   | 15        | 7                | 7            |          |          |              |              |            |          |          |           |          |          | 65       | L        |           |           |              | _                  | _         | _              | _          | $\dashv$ | _         |          | _          | 115        |             | _            | _            | $\perp$      |              | $\dashv$ |                    | -            | $\dashv$ |          | ١ |
| Γ          | 1   | 16        | 7                | (            | 7        | •        |              |              |            |          |          |           |          | L        | 66       | L        |           |           | _            | _                  | _         |                | Ш          |          |           |          | <u> </u> _ | 116        |             |              |              | _            | H            |          |                    | $\dashv$     | $\dashv$ | -        | ł |
|            | ŀ   | 17        | 1                | ۲            |          |          |              |              |            | L        | 乚        |           |          | L        | 67       | L        |           |           | _            |                    |           |                |            | $\dashv$ |           |          | <u> </u> - | 117<br>118 | Н           |              |              | _            | $\vdash$     |          | $\dashv$           |              | $\dashv$ | Т        | ł |
| L          | _   | 18        |                  |              |          |          |              |              |            | <u> </u> | L        | <u> </u>  |          | $\vdash$ | 68       |          | -         |           |              |                    | _         |                | _          | Н        | щ         |          | ⊢          | 119        | -           | -            | Н            | -            | v,           | Н        |                    |              | $\neg$   | Г        | i |
|            | 1   | 19        | V                | 민            |          |          | . ^          |              | ·,         | <u> </u> | L        | ļ         |          | $\perp$  | 69       | +        |           | -         | _            | !                  |           |                | .:.        |          |           | ٠.       | -          |            | _           | *            | - 22a        | , in         |              | وني      | 3.71               | 1.3          | , i      | Lan      | 1 |
| ě          | Ž,  | 20        | 獭                |              | 4        | 12       |              | 43           | 1          |          | 1.0      |           | 7.7      | 1 12     | _        | -        | ••        |           |              |                    |           |                |            | ř        |           | *        | 连          | 120        |             | *            | 4            | 180          | 162          | 39-7     |                    | 4,24         | .7       | Sec      | ۱ |
| 1.         |     | 21        | -                | 2.33         |          | - ,,     | ·            | _            | Ŀ          |          | ┖        | _         | ١.       | _        | 71       | _        | Ļ         | Ļ         | -            | H                  | - 1       |                | -          |          | -         | 1.       | -          | 121        |             | J2. *        | ;;           | -<br>-240%   | Ę,           | 7,       | 27.6               | 15           | 100      |          |   |
| 1          | -   | 22        | 6                |              | 4        |          | 7.           |              |            | -        |          |           | '        | ╌┝       | 72       | _        | <u> </u>  | Н         |              | -                  | $\vdash$  | -              | ŀ          |          | -         |          |            | 123        |             |              | - 11         | -            | 3            |          |                    | 1.2          | Ť        |          | 1 |
|            | _   | 23        |                  |              |          | 7.       | -            | Ľ            | Ŀ          | 1        | $\vdash$ | ⊢         | -        | -        | 73       |          | ├         | -         | -            |                    | -         | -              | -          | -        | H         |          | H          | 124        |             | -            | -            | 1            | $\vdash$     | -        | М                  |              | Г        | Г        | 1 |
| -          | -   | 24        | _                | <u> </u>     | _        | ╄        | <del> </del> | ļ.           | <b>├</b> - | ⊢        | ╀        | ⊢         | ┨        | $\vdash$ | 75       | _        | ├-        | ⊢         | -            |                    |           | ├              | -          | $\vdash$ | $\vdash$  | i        | H          | 125        | +           | Т            | T            | t            | ✝            | $\vdash$ |                    | Г            |          | Г        |   |
| -          |     | 25        | ļ.               |              | -        | ┝        | -            | -            | -          | -        | ╁        | ٠,        | 1        | ┢        | 76       | -        | -         | ⊢         | -            | ╁                  | ┢╌        | 1              | $\vdash$   | ╁        | H         | 1        | $\vdash$   | 126        | _           |              |              | Γ            |              |          |                    |              |          |          |   |
| -          | 3.1 | 26<br>27  | <u>.</u><br>رايد | 3.2          | -1       |          | 1            | $\vdash$     |            | -        | +        | -         |          | .  -     | / 7/     | _        | - 19      |           | 1            | 112                | ×         | 30             | -          | t-       |           |          | 1          | 127        | _           |              |              | 1.0          | 1 2          |          | vi.                |              |          | L        |   |
| 4          | Ž.  | 28        | ic<br>Fri        | _            | 3/8      | 33       | 100          | 2            | 2          | t        | +        | _         | 1        | -        | 78       | _        |           |           | $\vdash$     |                    |           | -              |            | 1        |           |          |            | 128        | ٠.,         |              |              |              | 26           |          | 1 15               | 1            | L        | L        |   |
| 4          | -   | 29        | 77               | *            | 73       |          | 1            | 1            | -          | -        | +        |           | 1        | -        | 79       | -        | 1         | Τ.        |              |                    | 1         |                |            | 1        |           | ١.       | Г          | 129        |             | 4.           |              | 1.7          | ."           | ٠,٠      | ***                |              |          | L        | 1 |
| ۲          |     | 30        |                  | H            | Ė        |          | 1            |              | t          | 1        | $\top$   | T         | 1        | 卜        | 8        | 5        | 1         | Г         |              |                    | Ι.        |                |            |          |           | ]        |            | 130        |             | L            | L            |              | L            | 1_       | ↓_                 | L            | L        | 1        | _ |
| F          | _   | 31        | Ħ                | Т            | ┢        |          | t            | ╁            |            | T        | $\top$   | Τ         | 1        | Г        | 8        | 1        |           |           |              |                    |           |                |            | L        | L         |          |            | 13         | -           | 1_           | <u> </u>     | ╀            | ╄            | ╄        | <del> </del>       | ╀            | ╀        | ╀        | _ |
| t          |     | 32        | T                | T            | Π        | T        | Τ            | 1            | 1          |          | Τ        | Γ         | 1        |          | 8        | 2        |           | L         | L            | _                  |           | _              | 1_         | ┞-       | 1         | 1        | L          | 132        | +-          | <u> </u>     | ╀            | ╀            | ╀            | ╀        | ╀                  | ⊢            | ╀        | ╁        | - |
| ı          | T   | 33        |                  |              |          |          | Ι.           |              |            |          | Τ.       |           | ]        |          | 83       | -        | _         | ┖         | _            | ļ                  | <u> </u>  | _              | <b>↓</b> - | Ļ        | ╄         | 1        | $\vdash$   | 133        |             | ┼-           | ╁            | ╀            | ╀            | ╁╴       | ╀╌                 | ╁            | ╁        | ╁        | - |
| Ę          |     | 34        |                  |              |          |          |              | L            |            |          | $\perp$  | L         | _        | L        | 8        | -        | 1_        | $\perp$   | <del> </del> | ┡                  | ↓_        | ┞              | ┼-         | ╀        | ŀ         | -        | $\vdash$   | 13         |             | ╀╌           | ╀            | ╁            | ╁            | ╁╴       | ╁                  | 十            | t        | +        | - |
|            | _   | 35        | _                |              | L        | ↓_       | <u> </u>     | <u> </u>     |            | ┸        | ┸        | 1_        | 1        | ļ_       | 8        | _        | ╄         | 1         | 1            | ┼-                 | -         | <del> </del> — | ╀          | ┼-       | ╀         | -        | $\vdash$   | 13         | -           | ┼            | ╁            | 十            | +-           | 十        | 十                  | +            | 十        | †        | - |
| 1          | 1   | 36        | _                | ┖            | L        | ┸        | 1_           | $\perp$      | ┶          | ┺        | ╄        | ╄         | 4        | -        | 8        | -        | ┼-        | ╀         | ┼            | ╁                  | ₩         | ╀              | ╂-         | ╀        | ╁         | ┨        | $\vdash$   | 13         | -           | ╁            | ╁            | 十            | +-           | +        | $\vdash$           | t            | $\top$   | T        | _ |
|            | 7   | 37        |                  | ╄            | ┞        | 4        | ╄            | -            | $\perp$    | +        | $\perp$  | +         | 4        | L        | 8        |          | +         | +         | +            | +                  | ┼-        | $\vdash$       | +          | +        | ╁         | $\dashv$ | -          | 134        | -           | +            | +            | 十            | T            | 十        | $\top$             | T            | Τ        | T        | _ |
| F          | _   | 38        | -                | $\vdash$     | 1        | 4        | $\perp$      | 1            | +          | 4-       | +        | -         | 4        | -        | 8        |          | +         | +         | ╀            | +                  | ┼-        | ╁              | +          | +        | ╁         | -        | +          | 13         | -           | ╁            | 十            | 十            | T            | $\top$   | $\top$             | Γ            | Ι        | I        |   |
| 1          | _   | 39        | -                | 1-           | $\vdash$ | +        | ╀            | +            | +          | +        | +        | +-        | -        | H        | 9        | →        | +         | +         | +-           | +                  | ╁         | ╁              | +          | +        | +         | 1        | F          | 14         | -           | T            | T            | T            | T            | T        | T                  | Г            | Γ        |          | _ |
| -          | 4   | 40        |                  | $\vdash$     | ╄        | ╀        | ╀            | ╀-           | +          | +        | +        | +         | 4        | -        | 9        |          | ╁         | +-        | +            | +                  | +         | +              | +          | +-       | +         | 1        | -          | 14         | -           | T            | 十            | T            | 1            | $\top$   | T                  | Г            | Γ        |          | _ |
| Ļ          | _   | 41        | _                | <del> </del> | _        | +        | +            | +            | +          | +        | +        | +         | -        | -        | 9        | -        | +         | +         | +            | +                  | ╁         | ╁              | ╁          | +        | +         | 1        | $\vdash$   | 14         |             | +            | +            | $\top$       | T            | 1        | T                  | Ι            | oxdot    | I        | _ |
| -          | _   | 42        | <del>-</del>     | +            | ╄        | +        | $\perp$      | +            | +          | +        | +        | - -       | +        | -        | 9        | -        | +         | +         | ╁            | +                  | +         | +              | +          | +        | 十         | 1        | 十          | 14         | _           | T            | T            | T            | $\top$       | $\perp$  | $oxed{\mathbb{L}}$ | $oxed{\Box}$ | Ĺ        | $\perp$  |   |
| ŀ          | _   | 43        | +                | +-           | +        | +        | +            | +            | +          | ╁        | +        | +-        | +        | ŀ        | _        | 4        | +         | +         | ╁            | 十                  | +         | +              | $\dagger$  | +        | T         | 1        |            | 14         | 4           | T            | T            | Ι            | Ι            | $\perp$  | Ŀ                  | 1            | $\perp$  | $\perp$  | _ |
| ŀ          | _   | 44        |                  | ╀            | +        | +        | +-           | +            | +          | +        | +        | +         | $\dashv$ | }        | 9        |          | +         | +         | +            | +-                 | $\dagger$ | $\dagger$      | $\dagger$  | +        | $\dagger$ | 1        |            | 14         | 5           | Ι            | I            | I            | I            | L        | Ţ                  | 1            | 1        | 4        | _ |
| _}         | _   | 45        |                  | ١,           | +        | +        | +            | ╁            | +          | +-       | +        | +         | $\dashv$ | ŀ        |          | 6        | $\top$    | †         | +            | Ť                  | †         | T              | T          | $\top$   | T         | 7        | Γ          | 14         |             | I            | L            | L            | 1            | $\perp$  | $\bot$             | 4            | +        | +        | _ |
| ,          |     | 47        |                  | ╀            | ╁        | ╁        | +            | ╁            | ╁          | ╁        | +        | $\dagger$ | 1        |          |          | 7        | $\top$    | †-        | †"           | T                  | †         | $\dagger$      | T          | T        | Τ         | 7        |            | 14         |             | Ĺ            | 1            | 1            | $\perp$      | $\perp$  | $\perp$            | 4            | +        | +        | _ |
| 라          |     | 48        |                  | $\dagger$    | t        | +        | +-           | ╁            | $^{+}$     | +        | +        | +         | 1        | ļ        |          | 8        | T         | $\dagger$ | $\top$       | T                  | T         |                | 1          |          |           |          |            | 14         |             | Ţ            | 1            | $\downarrow$ | 4            | +        | +                  | +            | +        | +        | _ |
| 4          | -   | 49        |                  | T            | †-       | T        | $\top$       | $^{\dagger}$ | $\top$     | $\top$   | $\top$   | +         | 7        | İ        |          | 9        | $ lap{1}$ | I         | I            | $oxed{\mathbb{L}}$ | L         | $oxed{\Box}$   | I          | I        | $\perp$   | _        | L          | 14         |             | 4-           | 4            | +            | +-           | +        | +                  | +            | +        | +        | _ |
| 5          |     | 50        |                  | +            |          | +        | ╅            | +            | _          | $\top$   | $\neg$   | $\top$    | 7        | Г        | 10       | าด       | T         | T         | Г            |                    | 1         | 1              | 1          | 1        | 1         |          | L          | 15         | 50 <u> </u> |              |              |              | _L           | ㅗ        |                    |              |          |          | _ |

If more than 150 claims or 10 actions staple additional sheet here

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